

**CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE
2010 ANNUAL REPORT**

This report is prepared in compliance with Article V of the Bylaws of the California Traffic Control Devices Committee (CTCDC).

2010 VOTING MEMBERS

Mr. John Fisher LOCC	Chairman Assistant General Manager City of Los Angeles DOT 100 S Main St, 10 th Floor Los Angeles, CA 90012
Mr. Jacob Babico CSAC	Vice Chairman Chief of Traffic Division, DPW San Bernardino County 825 East Third Street San Bernardino, CA 92415
Mr. Hamid Bahadori ACSC	Principal Transportation Engineer Auto Club of Southern California, 3333 Fairview Road Costa Mesa, CA 92626
Mr. Farhad Mansourian CSAC	Director of Public Works Marin County, P.O. Box 4186 San Rafael, CA 94913
Mr. Wayne Henley Caltrans	Office Chief, Signs Markings & External Support Division of Traffic Operations California Department of Transportation 1120 N Street, MS36 Sacramento, CA 95814
Ms. Merry Banks & Ms. Deborah Wong CSAA	Manager Special projects Transportation & Environmental Policy Specialist, Government Affairs, AAA Northern California, Nevada & Utah, 3055 Oak Road, MS W520, Walnut Creek, CA 94597
Chief Robert Maynard CHP	California Highway Patrol 601 N. 7th Streets Sacramento, CA 95811
Mr. Jeff Knowles LOCC	Deputy Director Public Works City of Vacaville 650 Merchant Street Vacaville, CA 95688

The following alternate members were designated by the parent organizations to act in the absence of their appointed voting members:

2010 ALTERNATE MEMBERS

Mr. Mark Greenwood LOCC	Public Works Director City of Palm Desert 73-510 Fred Waring Dr. Palm Desert, CA 92260
Mr. John Presleigh CSAC	Director of Public Works Santa Cruz County 710 Ocean St., Room 410 Santa Cruz, CA 95060
Mr. Devinder Singh Caltrans	Division of Traffic Operations California Department of Transportation 1120 N Street, MS36 Sacramento, CA 95814
Ms. Deborah Wong CSAA	Transportation & Environmental Policy Specialist, Government Affairs, AAA Northern California, Nevada & Utah, 3055 Oak Road, MS W520, Walnut Creek, CA 94597
Mr. George Johnson CSAC	Transportation Director, DPW Riverside County P.O. Box 1090, Riverside, CA 92502
Sergeant Janice Campbell CHP	California Highway Patrol 601 N. 7 th Street Sacramento, CA 95811
Mr. Larry Patterson LOCC	Director Public Works City of San Mateo 330 West 20 th Avenue San Mateo, CA 94403
Ms. Marianne Kim ACSC	Auto Club of Southern California 3333 Fairview Road Costa Mesa, CA 92626 (714) 885-2331

SECRETARY

Mr. Devinder Singh	Senior Transportation Engineer Caltrans Executive Secretary, CTCDC 1120 N Street, MS36 Sacramento, CA 95814
--------------------	---

ACSC – Auto Club of Southern California
 CSAC – California State Association of Counties
 CSAA – California State Automobile Association
 LOCC – League of California Cities
 CHP- California Highway Patrol

2010 MEETINGS

Date	Location
January 21, 2010	4050 Taylor Street, San Diego, CA 92110
April 15, 2010	1220 N Street, Sacramento, CA 95814
September 2, 2010	220 South Daisy Avenue, Building A, City of Santa Ana, CA 92703

Workshops to Discuss National MUTCD 2009 for the Adoption in California

WORKSHOP #1:	May-Part 1, 5, 7 & 9	Held in Sacramento
WORKSHOP #2:	June 9 -10, 2010 - Part 2 (Signs)	Held in Costa Mesa
WORKSHOP #3:	August 31, September 1, 2010 Parts 3 (Markings) & 6 (TTC Work Zones)	Held in Santa Ana
WORKSHOP #4:	October 19 & 20 Parts 4 (Traffic Signals) & 8 (Railroad Xing)	Held in Sacramento

2010 CTCDC AGENDA ITEMS**Public Hearings (Action Items):**

<u>Item No.</u>	<u>Title</u>
08-18	Proposal to adopt “NO IDLING COMMERCIAL VEHICLES & SCHOOL BUSES” Sign
09-23	Proposal to Adopt NO PARKING signs during School days to CA MUTCD Section 2B.39
10-1	Proposal to Revise CA MUTCD Section 4D 105(CA) and Table 4D-109 CA MUTCD
10-2	Proposal to amend existing typical applications and adopt new TA’s for accommodating bicyclists in TTC zones and to Revise CA MUTCD Sections 6D.101(CA) and 6G.05 and added a new Table 6H-1(CA).
10-08	Proposal to Amend CA MUTCD Section 2D.19 <u>Business Auxiliary Sign (M-3)</u>
10-09	Proposal to adopt a double wide solid or double wide broken white lane marking for HOV lanes in California and to revise CA MUTCD Section 3B.23 and add new Figure 3B-26(CA)
07-7	Experimentation by Implementation of Two New School Site Loading Signs

Request for Experimentations:

10-3	Experiment with Second Train Warning Sign “Additional Train May Approach” with a Symbol Sign
10-4	Experiment with Bicycle Box at the Signalized Intersection
06-5	Clear The Way Signage (Drive Damaged Vehicle to Shoulder)
10-10	Request for Permission to Experiment with modified SPEED HUMP (W17-1) Signs

Discussion Items:

10-5	When Children are Present (School Sign)
10-6	Proposal to Restructure the CTCD

Information Items:

10-2	Proposal to amend existing typical applications and adopt new TA’s for accommodating bicyclists in TTC zones and to Revise CA MUTCD Sections 6D.101(CA) and 6G.05 and added a new Table 6H-1(CA).
10-7	MUTCD 2009
10-11	Status of speed limit procedures changes in July 2009

COMMITTEE ACCOMPLISHMENTS:**08-18 Proposal to adopt “NO IDLING COMMERCIAL VEHICLES & SCHOOL BUSES” Sign**

The Committee recommended adopting the policy for the No Idling sign as follows:

Option:

The NO IDLING sign may be placed to remind drivers that idling is prohibited for commercial vehicles and all buses for a duration greater than 5 minutes (refer to CCR Title 13, 2480 and 2485).

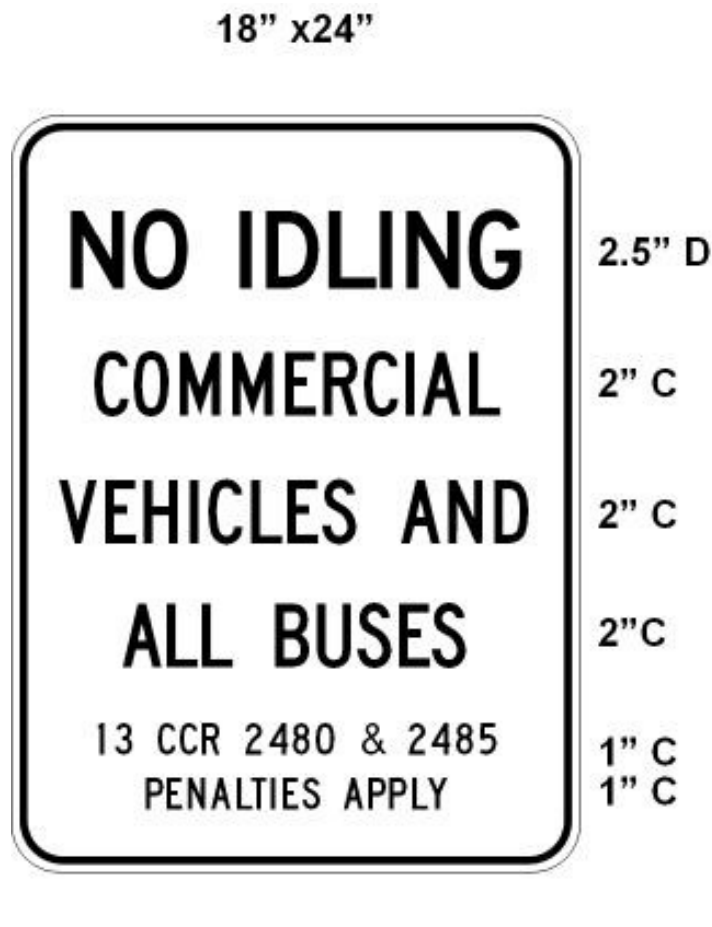
Standard:

If used, the NO IDLING sign shall be placed in areas where idling commonly occurs.

Support:

CCR Title 13, Sections 2480 and 2485, the California Code of Regulations prohibit unnecessary idling of commercial vehicles and all buses for a duration greater than 5 minutes. Adopted Signs are shown below:





09-23 Proposal to Adopt NO PARKING signs during School days to CA MUTCD Section 2B.39

CTCDC recommended for the adoption of a sign “NO PARKING 7-8 AM 2-3 PM SCHOOL DAYS”. The sign has been included into the revised CA MUTCD, Section 2B.39.

The current policy of the CA MUTCD was modified as follows:

Option:

On State highways, Limited time parking restrictions may be initiated by local authorities and approved by the Department. Parking prohibitions between certain hours may also be initiated by local authorities.

Standard:

Before time limit parking regulations are approved in rural areas, **law enforcement agency shall be consulted**. ~~assurance shall be obtained from the enforcement agency that the regulation will be actively enforced.~~

10-1 Proposal to Revise CA MUTCD Section 4D 105(CA) and Table 4D-109 CA MUTCD (bicycle/Motorcycle detection)

CTCDC recommended modifying existing Option as follows:

Option: (Existing text)

A limit line detection system that can discriminate between bicyclists and vehicles may be used to extend the length of the minimum green.

(Recommended addition to the above text)

Supplemental Reference Bicycle-Rider detection zones, new technology, or various signal controller settings may be utilized to adjust the time (G min + Y+ R clear) and/or travel distance (W) that bicyclists are exposed to conflicting vehicular traffic.

The recommended modification has been included into the revised CA MUTCD.

10-2 Proposal to amend existing typical applications and adopt new TA's for accommodating bicyclists in TTC zones and to Revise CA MUTCD Sections 6D.101(CA) and 6G.05 and added a new Table 6H-1(CA) {Submitted by Caltrans}

CTCDC recommended for the adoption of the proposed Typical Applications (TA's) with minor changes to the TA's and to the proposed text. Before the adoption of the final TA's and text, Caltrans will run revised TA's and text thru the Committee members to ensure that their comments have been incorporated.

10-08 Proposal to Amend CA MUTCD Section 2D.19 Business Auxiliary Sign (M-3)
The County of San Bernardino requested to amend the Section 2D.19 Business Auxiliary sign (M-3) to accommodate a request from unincorporated Wrightwood community to designate a segment of State Route 2 as a business district route.

The Committee agreed with their request and suggested to amend Section as follows:

Option:

The Business (M4-3) auxiliary sign (see Figure 2D-4) may be used to designate an alternate route that branches from a numbered route, passes through the business portion of a City **or unincorporated area**, and rejoins the numbered route beyond that area.

Note: This amendment will be incorporated in to the CA MUTCD during the adoption of National MUTCD 2009 in California.

10-09 Proposal to adopt a double wide solid or double wide broken white lane marking for HOV lanes in California and to revise CA MUTCD Section 3B.23 and add new Figure 3B-26(CA).

Caltrans requested for Adoption of the double lane line (consisting of two wide white lines) to designate HOV or Express lanes. Two solid wide white lines would be used in areas where access is restricted, and two broken wide white lines would be used in areas where crossing is allowed.

The Committee suggested there is a conflict between the California Vehicle Code and proposed striping. The Committee suggested that first Caltrans should get an amendment to the CVC and then proceed with the proposal.

Request for Experimentation:**07-7 Experimentation by Implementation of Two New School Site Loading Signs**

The City of San Francisco received approval from the Committee to conduct an experiment with the School Loading Zone signs. The City's findings showed that the signs were not very effective in changing the behavior of drivers in the loading zones and requested to close the experimentation.

The Committee agreed with their recommendations and recommended to close this item.

06-5 Clear The Way Signage (Drive Damaged Vehicle to Shoulder)

The Committee congratulated Caltrans, MTC and CHP on the well documented final report on the experiment. The Committee suggested that if Caltrans, MTC and CHP would like see symbol sign adopted in CA, they should ask FHWA for approval and submit a final report to the FHWA team for consideration of the symbol sign.

10-3 Experiment with Second Train Warning Sign "Additional Train May Approach" with a Symbol Sign

CTCDC authorized an experiment requested by the City of Riverside to conduct an experiment with "Additional Train May Approach" with a Symbol Sign. The City of Riverside has received approval from the FHWA.

10-4 Experiment with Bicycle Box at the Signalized Intersection

The Committee commented that the proposal to experiment with BIKE BOX does not have a detailed statement indicating the nature of problem and also does not have a detailed research and evaluation plan. The evaluation plan should include before and after studies as well as quantitative data describing the performance of the experimental device. The Committee suggested that the experimentation request should be submitted to FHWA for approval.

10-10 Request for Permission to Experiment with modified SPEED HUMP (W17-1) Signs

The City of Stockton requested to continue this request for the next meeting.

Discussion Items:**10-5 When Children are Present (School Sign)**

CTCDC stated that the current sign is adequate to address the CVC Section 22352 and offered no alternative.

10-6 Proposal to Restructure the CTCDC

The Californian Association of Bicycling Organization and the California Bicycle Coalition seeks representation on the CTCDC. The Committee members were not in favor of the expansion of the CTCDC and suggested to find alternatives so that the CTCDC can get suggestions/comments from other groups such as bicyclists, pedestrians and disabled.

Robert Copp, Chief, Division of Traffic Operations suggested that the functioning of the Committee could be improved by involvement of other organizations to achieve the Caltrans policy for Complete Streets.

CTCDC Member Farhad Mansourian made a suggestion to have a meeting between Robert Copp, John Fisher, and himself as well as a bicycle advocate as necessary to discuss different options on how the functioning of the CTCDC can be improved. The Committee suggested using “generic statement” instead of using “justified by a registered engineer in the Engineering and Traffic Survey”. Also, the Committee suggested using “consultation or coordination with the local enforcement agency” instead of using “concurrence from the law enforcement agency”.

Information Items

10-11 Status of speed limit procedures changes in July 2009

Caltrans Traffic Operations Policy Directive (TOPD) 09-04 notified agencies of changes in Section 2B-13 in the CA MUTCD. In TOPD 09-04, agencies were asked to send in a summary of speed data with before and after posted speed limits. To date, less than a dozen responses have been received. Therefore, a last call should be sent out by members of the CTCDC to see if any additional data will be sent in. The time period to be covered was July 1, 2009 to July 1, 2010.

The Committee suggested that they will send a reminder to their counter partners to provide information to Caltrans to determine if the adopted policy has any negative impact. The date was extended until November 1, 2010 to provide data to Caltrans.

SPEED DATA SUMMARY for California Traffic Control Devices Committee Studies done between July 1, 2009 and July 1, 2010

Responses From:

City of Sacramento	47 surveys	44 no change	3 new zones
City of San Mateo	1 survey	1 increase	
City of Los Angeles	11 surveys	10 no change	1 increase
San Bernardino	21 surveys	17 no change	4 increase
Marin County	2 surveys	2 no change	
San Mateo County	1 survey	1 increase	
Los Angeles County	43 surveys:	23 no change	19 increased 1 reduced
Orange County	6 surveys	6 no change	
Lassen County	33 surveys	11 no change	17 increase 5 reduced
Siskiyou County	no surveys done		
Caltrans District 1	12 surveys	11 no change	1 increased
Caltrans District 11	4 surveys		4 reduced

Totals: 181 surveys
 44 speed limits increased
 10 speed limits reduced
 124 no change
 3 new zones

There were no comments by the local agencies on the policy which was adopted in July 2009, the item will be removed from the agenda.

Compiled by Roberta McLaughlin, PE, TE, PTOE

Caltrans Office of Signs, Markings, and CA MUTCD

Revised 2/3/2011

SUMMARY OF ACCOMPLISHMENTS 2010:

- 4 items discussed from previous years (2006, 07, 08 and 09)
- 14 items considered in 2010
- 10 items introduced in 2010
- 11 item completed in 2010
- 1 items approved for experimentation in 2010
- 2 items deferred in to 2011

ITEMS CARRIED INTO FUTURE YEAR:

- 10-09 Proposal to adopt a double wide solid or double wide broken white lane marking for HOV lanes in California and to revise CA MUTCD Section 3B.23 and add new Figure 3B-26(CA)
- 10-10 Request for Permission to Experiment with modified SPEED HUMP (W17-1) Signs

ITEMS APPROVED FOR EXPERIMENTATION:

- 10-3 Experiment with Second Train Warning Sign “Additional Train May Approach” with a Symbol Sign

STATUS OF CALTRANS ACTION ON PAST ITEMS:

- 07-1 Proposal to revise the sizes for the Supplemental School Plaques (S4-3, W16-7p and W16-9p)

MISCELLANEOUS

CTCDC Agenda, Minutes, Annual Reports, and other information are available on the Internet at "http://www.dot.ca.gov/hq/traffops/signtech/newtech/" under the Office of Signs and Delineation webpage.

Additional information regarding the minutes of the CTCDC meetings held during 2010 may be obtained upon request from the Secretary or any member of the California Traffic Control Devices Committee.

SIGN SPECIFICATIONS

As provided in California Vehicle Code Sections 21400 and 21401, a list of the current California coded sign specifications used on streets and highways in California is available on the following website:

<http://www.dot.ca.gov/hq/traffops/signtech/signdel/specs.htm>

MUTCD coded sign specifications are located in the FHWA Standard Highway Signs Book, available on the following FHWA website:

http://mutcd.fhwa.dot.gov/ser-shs_millennium.htm

Respectfully submitted by Devinder Singh, Secretary, CTCDC